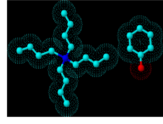
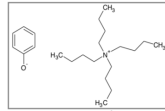


QA II ... Titulación de fenol en medio complejante:

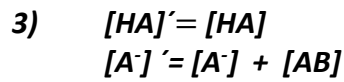
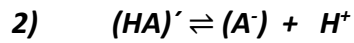
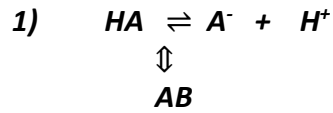
$pK_a' = f(pB)$



= AB = fenolato de terbutilamonio.

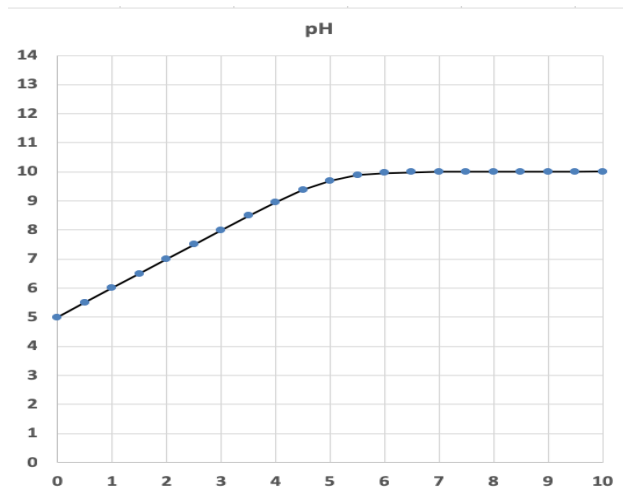


Modelo equilibrio generalizado a $\tau = 1$.



4) $\frac{[HA]'}{[HA]} = \alpha_{HA(B)}$
 $\frac{[A^-]'}{[A^-]} = \alpha_{A(B)} = 1 + K_{AB}^B [B^+] = 1 + 10^5 [B^+]$

5) $pH = pK_a' = pK_a + \log \frac{\alpha_{HA(B)}}{\alpha_{A(B)}} + \log \frac{[A^-]'}{[HA]'}$
 $pH = pK_a' = 10 + \log \frac{1}{1 + 10^5 [B^+]}$
 $pH = 10 - \log [1 + 10^{5-pB}]$



TRAZO RAPIDO: DUZP.

